

## South Grampian and Southeast Highlands

Including South and East Cairngorms National Park, Aberdeenshire and Angus Hills, Ben Vrackie, Ben Lawers, Loch Tay and Ochils

Forecast valid from 06:00 on Wednesday 16 Feb 2022 until 23:59 on Thursday 17 Feb 2022

Forecast Issued on Wednesday 16 Feb 2022 at 01:27 by Met Office Aberdeen

**Confidence:** Low for timing of arrival on snow on Wednesday afternoon, and northward extent of any milder air. High for Thursday. Low for overall weather type on Friday. High for continued changeable weather over the weekend.

**Headline for Wednesday 16 Feb 2022:** Mainly dry in the morning, rain and snow spreading northeast in the afternoon

### Mountain weather hazards on Wednesday 16 Feb 2022

#### Blizzards

No Likelihood

#### Heavy persistent snow

Medium Likelihood

#### Storm force winds

No Likelihood

#### Gales

Low Likelihood

#### Severe chill effect

Medium Likelihood

#### Poor visibility

Medium Likelihood

#### Thunderstorms

No Likelihood

#### Heavy persistent rain

No Likelihood

#### Strong sunlight

No Likelihood

| Weather and chance of precipitation at 800m                                         |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Time                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| 06:00                                                                               | 09:00                                                                               | 12:00                                                                               | 15:00                                                                               | 18:00                                                                                 | 21:00                                                                                 |
|  |  |  |  |  |  |
| Light snow                                                                          | Light snow                                                                          | Heavy snow                                                                          | Heavy snow                                                                          | Heavy snow                                                                            | Light snow                                                                            |
| Precipitation probability                                                           |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| 40%                                                                                 | 20%                                                                                 | 30%                                                                                 | 70%                                                                                 | 70%                                                                                   | 60%                                                                                   |

### Forecast for Wednesday 16 Feb 2022

**Weather:** The morning will start off mainly dry with patchy light snowfall across the Cairngorms and Aberdeenshire hills soon dying out, but further widespread rain and snow will spread northeast during the afternoon, occasionally heavy. Precipitation will remain as snow across the north of the area but fall as rain across the Ochils, and turn to rain away from the highest tops across the southern Perthshire and southern Angus ranges. Drier conditions will extend from the northwest through the evening.

**Chance of cloud-free hill tops above 800m:** 30%

**Low Cloud and visibility:** Poor in low cloud down to 500 metres, this may linger across the Cairngorms and Perthshire hills throughout the day. Best chance of breaks across the Ochils and more southeastern Angus hills for a time in the morning. Poor in snow.

**Forecast for Wednesday 16 Feb 2022**

| Height (m)  | Wind Speed mean/gusts (mph) |         |          |          | Wind Direction (blowing from) |          |         |
|-------------|-----------------------------|---------|----------|----------|-------------------------------|----------|---------|
|             | 06:00                       | 09:00   | 12:00    | 15:00    | 18:00                         | 21:00    | 00:00   |
| <b>1100</b> | 39/44 SW                    | 43/50 W | 28/34 SW | 21/26 SW | 20/27 E                       | 27/35 W  | 29/38 W |
| <b>900</b>  | 24/30 SW                    | 28/36 W | 19/24 SW | 14/19 SW | 14/21 E                       | 20/28 W  | 21/30 W |
| <b>600</b>  | 6/13 W                      | 19/33 W | 12/21 SW | 6/10 SW  | 9/17 E                        | 15/27 W  | 16/27 W |
| <b>300</b>  | 1/4 E                       | 10/25 W | 9/18 W   | 4/8 SW   | 8/18 N                        | 11/25 W  | 10/22 W |
| <b>Glen</b> | 1/4 NW                      | 10/24 W | 8/17 W   | 5/10 S   | 9/17 N                        | 11/24 NW | 11/24 W |

| Height (m)             | Temperature / Feels Like (°C) |        |        |       |        |        |        |
|------------------------|-------------------------------|--------|--------|-------|--------|--------|--------|
|                        | 06:00                         | 09:00  | 12:00  | 15:00 | 18:00  | 21:00  | 00:00  |
| <b>1100</b>            | -0/-9                         | -1/-11 | -2/-10 | -1/-8 | -2/-10 | -3/-12 | -4/-13 |
| <b>900</b>             | 0/-7                          | 0/-7   | -0/-6  | 0/-5  | -1/-7  | -2/-9  | -2/-9  |
| <b>600</b>             | 0/-2                          | 2/-4   | 2/-3   | 2/-1  | 0/-4   | 0/-6   | -0/-6  |
| <b>300</b>             | 1/-1                          | 3/-1   | 5/2    | 3/2   | 1/-2   | 2/-2   | 1/-3   |
| <b>Glen</b>            | 1/0                           | 4/0    | 6/3    | 5/3   | 2/-1   | 3/-1   | 3/-1   |
| <b>Freezing Level*</b> | 600m                          | 900m   | 800m   | 800m  | 400m   | 500m   | 500m   |

\*Level above which ground is expected to be frozen/snow is expected to settle.

**Met Office Aberdeen Meteorologist's View**

Potential for snow depths to build up by the end of the day in the north of the area, with the afternoon and evening period having the potential to bring the heaviest of the snowfall especially at height. Freezing level likely to rise close to higher summit level across the south of the area through the day, some uncertainty in the northward extent of less cold air.

**Forecast for Thursday 17 Feb 2022**

**Weather:** Very cold and windy with frequent snow showers in the morning, these gradually easing in the afternoon and becoming mainly dry in the evening.

**Maximum wind:** Westerly gusts to 50 to 60 mph on the higher tops

**Chance of cloud-free hill tops above 800m:** 70%

**Low Cloud and visibility:** Generally very good outside of cloud and snow showers. Cloud lowering to 700 metres as showers pass by, the north of the area most prone to low cloud

**Temperature:** **Glens:** Zero rising to 5 Celsius  
**At 800m:** Minus 2 Celsius  
**Freezing level:** 400 metres